

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.-38. (Canceled).

39. (Currently Amended) A method for reading data from a memory card that provides non-volatile data storage having an address space defined by a contiguous range of addresses, the method comprising:

determining whether a mechanical switch on the memory card is in a first, second, or third position; the non-volatile data storage utilizes a first file system or a second file system;

when the mechanical switch is in a first position;

accessing a first partition of the address space using a first file system;

when the mechanical switch is in a second position;

accessing a second partition of the address space using the first file system;

and

when the mechanical switch is in a third position;

accessing a third partition of the address space using a second file system,

when the non-volatile data storage utilizes the first file system, operating the memory card in accordance with the first file system by:

dividing the address space of the non-volatile data storage into a plurality of volumes;

formatting each of the plurality of volumes as a separate volume utilizing the first file system;

accessing one of the plurality of volumes by determining a position of a physical switch, wherein the position indicates which of the plurality of volumes to access, wherein an offset is used to access volumes other than a first of the plurality of volumes; and

when the non-volatile data storage utilizes the second file system, operating the memory card in accordance with the second file system by accessing the entire address space of the non-volatile data storage as the single volume.

40. (Previously Presented) The method of claim 39, wherein the first file system utilizes 16 bit addressing and the second file system utilizes greater than 16 bit addressing.

41. (Previously Presented) The method of claim 39, wherein the first file system is the FAT-16 file system.

42. (Previously Presented) The method of claim 39, wherein the second file system is the FAT-32 file system.

43. (Currently Amended) The method of claim 40, wherein each of the first and second partitions plurality of volumes has a maximum size of 2GB.

44. (Currently Amended) The method of claim 39, wherein the first file system is determined by reading an address space uniquely associated with either the first or second partitions and the second file system is determined by reading an address space uniquely associated with the third partition, determining includes accessing a portion of the non-volatile data storage stating which file system is utilized.

45. (Currently Amended) A memory card comprising:
non-volatile data storage that provides data storage having an address space with three partitions;

a switch being set in one of a plurality of switch positions; and

a controller that manages access to the data stored in said non-volatile data storage,

wherein the controller is configured to determine whether the switch is in a first, second or third position and

when the switch is in a first position;

access a first partition of the address space using a first file system;

when the switch is in a second position;

access a second partition of the address space using the first file system; and

when the switch is in a third position;

access a third partition of the address space using a second file system.

wherein the controller determines whether the non-volatile data storage utilizes a first file system or a second file system;

wherein when the non-volatile data storage utilizes the first file system, the controller operates the memory card in accordance with the first file system by:

- dividing the address space of the non-volatile data storage into a plurality of volumes;
- formatting each of the plurality of volumes as a separate volume utilizing the first file system;
- accessing one of the plurality of volumes by determining a position of a physical switch, wherein the position indicates which of the plurality of volumes to access, wherein an offset is used to access volumes other than a first of the plurality of volumes; and

wherein when the non-volatile data storage utilizes the second file system, the controller operates the memory card in accordance with the second file system by accessing the entire address space of the non-volatile data storage as the single volume.

46. (Previously Presented) The memory card of claim 45, wherein the first file system utilizes 16 bit addressing and the second file system utilizes greater than 16 bit addressing.

47. (Previously Presented) The memory card of claim 45, wherein the first file system is the FAT-16 file system.

48. (Previously Presented) The memory card of claim 45, wherein the second file system is the FAT-32 file system.

49. (Currently Amended) The memory card of claim 46, wherein each of the first and second partitions plurality of volumes has a maximum size of 2GB.

50. (Currently Amended) The memory card of claim 45, wherein the first file system is determined by reading an address space uniquely associated with either the first or second partitions and the second file system is determined by reading an address space uniquely associated with the third partition, determining includes accessing a portion of the non-volatile data storage stating which file system is utilized.

51. (Currently Amended) An apparatus for reading data from a memory card that provides non-volatile data storage having an address space defined by a contiguous range of addresses, the apparatus comprising:

means for determining whether a mechanical switch on the memory card is in a first, second, or third position;

means for, when the mechanical switch is in a first position:

accessing a first partition of the address space using a first file system;

means for, when the mechanical switch is in a second position:

accessing a second partition of the address space using the first file system;

and

means for, when the mechanical switch is in a third position:

accessing a third partition of the address space using a second file system,

means for determining whether the non-volatile data storage utilizes a first file system or a second file system;

means for, when the non-volatile data storage utilizes the first file system, operating the memory card in accordance with the first file system by:

dividing the address space of the non-volatile data storage into a plurality of volumes;

formatting each of the plurality of volumes as a separate volume utilizing the first file system;

accessing one of the plurality of volumes by determining a position of a physical switch, wherein the position indicates which of the plurality of volumes to access, wherein an offset is used to access volumes other than a first of the plurality of volumes; and

means for, when the non-volatile data storage utilizes the second file system, operating the memory card in accordance with the second file system by accessing the entire address space of the non-volatile data storage as the single volume.

52. (Previously Presented) The apparatus of claim 51, wherein the first file system utilizes 16 bit addressing and the second file system utilizes greater than 16 bit addressing.

53. (Previously Presented) The apparatus of claim 51, wherein the first file system is the FAT-16 file system.

54. (Previously Presented) The apparatus of claim 51, wherein the second file system is the FAT-32 file system.

55. (Currently Amended) The apparatus of claim 52, wherein each of the first and second partitions plurality of volumes has a maximum size of 2GB.

56. (Canceled).

57. (Currently Amended) A program storage device readable by a machine, tangibly embodying a set of computer instructions executable by the machine for reading data from a memory card that provides non-volatile data storage having an address space defined by a contiguous range of addresses, the method comprising:

determining whether a mechanical switch on the memory card is in a first, second, or third position; the non-volatile data storage utilizes a first file system or a second file system;

when the mechanical switch is in a first position;

accessing a first partition of the address space using a first file system;

when the mechanical switch is in a second position;

accessing a second partition of the address space using the first file system;

and

when the mechanical switch is in a third position;

accessing a third partition of the address space using a second file system,

when the non-volatile data storage utilizes the first file system, operating the memory card in accordance with the first file system by:

dividing the address space of the non-volatile data storage into a plurality of volumes;

formatting each of the plurality of volumes as a separate volume utilizing the first file system;

accessing one of the plurality of volumes by determining a position of a physical switch, wherein the position indicates which of the plurality of volumes to access, wherein an offset is used to access volumes other than a first of the plurality of volumes; and

when the non-volatile data storage utilizes the second file system, operating the memory card in accordance with the second file system by accessing the entire address space of the non-volatile data storage as the single volume.

58. (Previously Presented) The program storage device of claim 57, wherein the first file system utilizes 16 bit addressing and the second file system utilizes greater than 16 bit addressing.

59. (Previously Presented) The program storage device of claim 57, wherein the first file system is the FAT-16 file system.

60. (Previously Presented) The program storage device of claim 57, wherein the second file system is the FAT-32 file system.

61. (Currently Amended) The program storage device of claim 58, wherein each of the first and second partitions ~~plurality of volumes~~ has a maximum size of 2GB.

62. (Currently Amended) The program storage device of claim 57, wherein the first file system is determined by reading an address space uniquely associated with either the first or second partitions and the second file system is determined by reading an address space uniquely associated with the third partition. ~~determining includes accessing a portion of the non-volatile data storage stating which file system is utilized.~~